

**SOLE SOURCE JUSTIFICATION FOR
ACQUISITIONS UNDER THE SIMPLIFIED ACQUISITION THRESHOLD**

1. In accordance with Federal Acquisition Regulation 13.106-1(b)(1), I hereby determine that the TempO-Seq Mouse Whole Transcriptome Assay Services listed on PR-ORD-19-02044 is available from only one source, and competition is precluded for the reasons indicated below. There are no substitutes available.
2. This acquisition is restricted to the following source:

Company: BioSpyder Technologies Inc.
Company Address: 5922 Farnsworth Ct Ste 102, Carlsbad, CA 92208
Company Point of Contact and Phone Number: Bitu Mavaddat, 760-476-1800
3. This requirement is for TempO-Seq Whole Genome Mouse Assay Services for 96 customer-provided samples. Includes standard control RNA samples supplied by BioSpyder. Total cost is estimated to be \$19,250.00 and period of performance for these services is 02/01/2020 through 10/31/2020.
4. Specific characteristics of the services provided by BioSpyder Technologies, Inc., limits the availability to a sole source. Only this suggested source can furnish the requirements, to the exclusion of other sources, because of the following:
 - a. This order requires targeted sequencing (which means whole genome to interrogate). This is a unique simplified quantitative analysis that is performed with specialized software and training which substantially reduced cost compared to whole genomic RNA sequencing. Read depth >250 reads per gene target.
 - b. The Mouse Whole Genome Assay Services use BioSpyder Platform and is only available from BioSpyder Technologies, Inc.
5. Check and fill in all that are applicable:
 - ☒ The material or service must be compatible in all aspects (form, fit, and function) with existing systems presently installed. This service has generated whole genome interrogation. Also, this is an ongoing research project in which previous services were provided by vendor.
 - ☐ A patent, copyright, proprietary data, or licensing agreement limits competition. The proprietary data are described as follows:

<Insert description>

☐ These are "direct replacement" parts/components for existing equipment.

☒ Other information to support a sole-source buy:

- a. An intent to sole source (68HE0B20Q0081) was posted on FedConnect from 01/09/2020 to 01/15/2020 and no other vendors were identified.
- b. Market research was conducted by the Contracting Officer to determine if there are any known contractors that can meet this requirement. A search on the internet and GSA Advantage indicated BioSpyder Technologies, Inc. does not have a GSA contract for this service and no other vendors were identified that could fulfill this requirement.
- c. Sole source and capability documentation were provided by BioSpyder Technologies, Inc.

CERTIFICATION

I certify that statements checked and information provided above are complete and correct to the best of my knowledge. In accordance with FAR 13.106-1(b)(1), the facts of this acquisition preclude the use of full and open competition.

Renae Cochran

Renae Cochran
Contracting Officer

01/21/2020

Date

KPBarton

Kathryn P. Barton, Chief
Simplified Acquisitions Branch

1/21/20

Date